

Testing & Measuring Equipments Required For Thermoshrink Cable Jointing Kits

1. Tensometer (0-2000 N)
2. Electronic Balance (0-5 kgs)
3. Million Mega Ohm Meter (Range:10Mohm)
4. H.V. Breakdown Tester
5. Cone Penetrometer
6. Ring & Ball Apparatus
7. Needle Penetrometer
8. Hydro meters
9. P.H.Meters
10. Micro Ohm Meter
11. Analytical Balance
12. Electronic Balance (0-0.1 kg, with 1 mg accuracy)
13. Thermometers(0-150deg.C)
14. M-100 Test set up
15. Air circulating oven (upto 150 deg.C & upto 300 deg.C)
16. Humidity Chamber
17. Environmental Chamber
18. Viscometric Bath
19. Petri-dishes, Test tubes, Beaker, Chemicals, Measuring Flask
20. Cone Penetration cups
21. Heater with magnetic stirrer & speed controller
22. Compressor-Dry air cylinder with regulator
23. Constant Temp. water bath
24. Vernier callipers
25. Steel scales(600mm to 1 mtr)
26. Micrometer (Ball ended)
27. Micrometer(Flat end)
28. Measuring tape (15m & 30m)
29. Magnifying glass
30. Stop watch
31. Jig for shear strength of adhesive
32. Mandrels for peel strength of tapes, Al. foil etc.
33. Facility for peel strength test
34. Water penetration fixture
35. Facility for shear strength of sealant tape
36. Jig for split resistance
37. ESCR Jig
38. Salt spray apparatus
39. Flash point apparatus
40. Volume resistively fixture

41. Rub Test Jig
42. Rolling drum jig for peel strength of adhesive
43. PE Mandrels
44. Al. mandrel for torching(of various diameters equivalent to highest diameter of different shrink ratios)
45. Al.mandrel for longitudinal shrinkage(of various diameters equivalent to smallest diameter of different shrink ratios)
46. Blow lamp-Modified
47. Chemicals for chemical resistance
48. Cable stand
49. Copper Mirror
50. Standard Dumbbells for cutting samples
51. Gas torch
52. PIJF cables of different sizes
53. PE Insulated copper conductors of different gauges.
54. Water Tank (2500mmx1000mmx700mm)
55. Test set up for Air Tightness test
56. Test set up for vibration test
57. Test set up for Impact test
58. Test set up for Axial tension test
59. Test set up for Torsion/Bending test
60. Test set up for static load test
61. Test set up for Thermal shock
62. Test set up for corrosion test
63. Temperature cycle test graph chart print machine

Plant & Machinery Equipments Required For Termoshrink Cable Jointing Kits.

1. Facility for corona treatment
2. Sleeve expander
3. Adhesive coating machine
4. Adhesive coating tank & pump
5. Hot Air Oven
6. Air compressor
7. Spray painting set up
8. Facility for printing
9. Profile chopping machine
10. Profile cutting machine.